

## NOTES

***Parsonsia alboflavescens* (Dennst.) Mabb., (Apocynaceae), a new record from Northern Territory, Australia**

An intensive survey of rain forest communities in Northern Territory, Australia was undertaken by the Conservation Commission of the N.T. during the late 1980s resulting in a rich assemblage of material in DNA and several other Australian herbaria. Many new records have resulted from this survey activity, including a single collection of an indeterminable *Parsonsia* species that is not conspecific with other taxa of *Parsonsia* till now recognised for Australia. Subsequent to examining this collection in late 1989, at which stage its identity was unresolved, I visited the Solomon Islands where material of this same species was collected. Curation of Papuan Apocynaceae holdings at BRI, BSIP and CANB revealed this material to be *Parsonsia alboflavescens* (Dennst.) Mabb., previously not recorded for Australia but known to be widespread and common in Asia, Malesia (including New Guinea) and the Solomon Islands (Markgraf 1927; Merrill 1933; Merrill & Perry 1943; Huber 1983; Rani & Matthew 1983).

***Parsonsia alboflavescens* (Dennst.) Mabb., Taxon 26: 532 (1977); *Periploca alboflavescens* Dennst., Schlüssel: 12, 23, 35 (1818) & in Forts. Allg. Teutsch. Garten.-Mag. 3: 31, 41, 83 (1818). Type: Rheedea, Hort. mal. 9: t. 9 (1689).**

Rani & Matthew, Fl. Tamilnadu Carnatic 2: 914-915 (1983).

*Echites laevigata* Moon, Cat. 20 (1824); *Parsonsia laevigata* (Moon) Alston, Ann. Roy. Bot. Gard. Peradeniya 11: 203 (1929). Type: Rheedea, Hort. mal. 9, t. 9 (1689).

Alston in Trimen, Handb. Fl. Ceylon 6: 192 (1931); Huber, Rev. Handb. Fl. Ceylon 4: 58 (1983).

*Parsonsia helicandra* Hook. & Arn., Bot. Beechey's Voy. 197 (1836). Type: China. Kwangtung Province, in the vicinity of Macao, Beechey (holo: ? E, n.v. (permanent loan ex GL, *fide* Merrill 1933)).

Merr., Brittonia 1: 236 (1933); Merr. & Perry, J. Arnold Arb. 24: 216 (1943).

*Parsonsia spiralis* Wallich [List no. 1631 (1829), nom. nud.] ex G. Don, Gen. hist. 4: 80 (1837); *Heligme spiralis* (Wallich ex G. Don) Thwaites, Enum. pl. zeyl. 193 (1860). Type: H.B. Calc. & Sille, [Wallich no. 1631] (holo: K-W (fiche at BRI!); iso: G-DC (fiche at BRI!)).

A.DC. in DC., Prodr. 8: 402 (1844); J.D. Hook., Fl. Brit. India 3: 650 (1882); Schumann, Bot. Jahrb. Syst. 9: 215 (1887); Fl. Kais. Wilh. Land 114 (1889); Trimen, Handb. Fl. Ceylon 3: 134 (1895); Boerl., Handl. Fl. Ned. Ind. II, 2: 39 (1899); Schumann & Lauterb., Fl. Deutsch Schutzgeb. Südsee 508 (1901); Markgraf, Bot. Jahrb. Syst. 61: 217 (1927).

*Chaetosus volubilis* Benth. in Hook., London J. Bot. 2: 226 (1843). Type: New Guinea, in 1841, Hinds (holo: K (photo at BRI!)).

Benth. in Hinds, Bot. Voy. H.M.S. Sulphur 179, t. 57 (1844).

*Parsonsia cumingiana* A.DC. in DC., Prodr. 8: 402 (1844). Type: Philippines. Luzon, H. Cuming 1490 (holo: ? G, n.v.).

Merr., Brittonia 1: 236 (1933).

*Lyonsia viridiflora* Bailey, Queensl. Agric. J. 3: 156 (1898). Type: Papua New Guinea, Chads Bay, F.M. Bailey [AQ332837] (holo: BRI!).

Illustration: Matthew, Ill. Fl. Tamilnadu Carnatic, t. 433 (1982).

**Selected Specimens. Sumatera.** Pulau Tioman/Pahang, Kampong Tekek, Apr 1962, Kadim & Noor 667 (BRI ex SING); Pangkor Island, Teluk Ketapang, Dindings, Jul 1955, Burkhill 221 & Shah (BRI ex SING). **Philippines.** LUZON: Burgos, Ilocos Norte Province, Jul 1918, Ramos Bur. Sci. 32949 (BRI); Cagayan Province, Mar 1909, Ramos Bur. Sci. 7398 (BRI); Mt Makiling, Laguna Province, May 1945, Sulit PNH8446 (BRI ex PNH). **Irian Jaya.** Island of Jobie [Japen], Aug 1840, Barclay 3592 (BM). **Papua New Guinea.** NEW BRITAIN PROVINCE: Beach front, halfway between Wogonokai Village & Mt Wangore, 5°10'S, 150°02'E, Oct 1974, Barker & Vinas LAE66753 (BRI); Melenklo Island, 5°20'S, 149°55'E, Oct 1965, Gillison NGF22414 (BRI); Schirlitz Peninsula, south facing beach, Fullerborn Harbour, 6°10'S, 150°45'E, May 1973, Croft & Katik NGF15535 (BRI); Fullerborn Harbour, 6°06'S, 150°40'E, Feb 1965, Sayers NGF21708 (BRI). BOUGAINVILLE PROVINCE: Karngu, Buin, Oct 1930, Kajewski 2230 (BRI ex A). MOROBE PROVINCE: Morobe, Jan 1948, Womersley NGF2986 (BRI). MADANG PROVINCE: coastal road, c. 25 miles [41 km] N of Madang, Mar 1968, Coode & Katik NGF32747 (BRI). **MILNE BAY**

PROVINCE: Miadeba, Normanby Island, 9°50'S, 150°50'E, Oct 1971, *Streimann & Lelean* LAE52600 (BRI,CANB); Waikaiuna Bay, Normanby Island, 10°00'S, 150°55'E, Apr 1956, *Womersley* NGF8620 (BRI). Solomon Islands. ISABEL PROVINCE: Meringe, Ysabel, Nov 1932, *Brass* 3161 (BRI ex A). GUADALCANAL PROVINCE: near Matepona River, Jul 1945, *White* BSIP52 (BRI); 69 km from Honiara on Aola road, near Vurai, 9°28'S, 160°57'E, Jun 1991, *Forster* 8600 & *Liddle* (BRI,K). MAKIRE PROVINCE: Kira Kira, San Cristobal, Aug 1932, *Brass* 2771 (BRI ex A). CENTRAL PROVINCE: West of Kangua village, Rennell, May 1969, *Gafui et al.* BSIP14675 (BSIP). Australia. Northern Territory: 4 km N of Caledon Bay, NE Arnhem Land, 12°44'S, 136°28'E, Mar 1988, *Russell-Smith & Lucas* 5030 (BRI,CANB,DNA,QRS; MEL,NSW n.v.).

**Notes:** A more extensive synonymy for this species is given by Merrill (1933) under *P. helicandra*. As I have not seen the types of some of the names he cites, they are not listed here.

The type of *P. helicandra* was located at GL by Merrill (1933); however, the Beechey collections are now on permanent loan to E (P.S. Short, pers. comm. 1991).

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Dr Jeremy Russell-Smith drew my attention to the N.T. collection of this species in 1989. Mr David Liddle assisted with fieldwork in the Solomon Islands. Dr Philip S. Short located and photographed a number of specimens in overseas herbaria, while Australian Botanical Liaison Officer at Kew (U.K.). The Directors/Curators of BSIP, CANB, DNA and QRS allowed access to collections. The author was funded by the Australian Biological Resources Study for research on Apocynaceae in 1991-92. This assistance is gratefully acknowledged.

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